



FACILITY COMPLIANCE INSPECTION REPORT

Division of Waste Management

Solid Waste Section

UNIT TYPE:

Lined MSWLF		LCID		YW		Transfer		Compost		SLAS		COUNTY: HALIFAX PERMIT NO.: SWC-42-06 FILE TYPE: COMPLIANCE
Closed MSWLF		HHW		White goods		Incin		T&P		FIRM		
CDLF		Tire T&P / Collection		Tire Monofill		Industrial Landfill		DEMO		SDTF		

Date of Site Inspection: February 29, 2012

Date of Last Inspection: January 13, 2010

FACILITY NAME AND ADDRESS:

Caledonia Correctional Institution, Small Type III Compost Facility
2787 Caledonia Drive
Tillery, NC 27887

GPS COORDINATES: N: 36.273422

E: 077.485045

FACILITY CONTACT NAME AND PHONE NUMBER:

Name: Jeff Williams, Maintenance Supervisor
Telephone: 252-826--5621
Email address: jeffery.williams@doc.nc.gov
Fax: 252-826-4146

FACILITY CONTACT ADDRESS:

Same as above

PARTICIPANTS:

Mary Whaley, NCDENR, Solid Waste
Jeff Williams, Maintenance Supervisor

STATUS OF PERMIT:

Permit is dated 2-3-10 and will expire by 2-3-15.

PURPOSE OF SITE VISIT:

Comprehensive Audit

STATUS OF PAST NOTED VIOLATIONS:

NA

OBSERVED VIOLATIONS:

Pathogen testing must be done in accordance with 40 CFR 503.32, and is <1000 MPN/g fecal coliform dry weight basis, or for salmonella <3 MPN/4 g, as referenced in Appendix B of the 15A NCAC 13B .1400 Rules. The 'Fecal Coliform in Solids' on the 9-30-11 reporting date test was 22700 MPN/g, TS, which is well above the 1000 MPN/g TS limit. This batch of compost would have been needed to be reincorporated into the active piles or disposed of as solid waste. **Within one week of receipt of this audit, explain in writing how compost that does not meet testing standards is dealt with. Include the method of removing the 'composted' product from the active bins.**

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The item(s) listed above were observed by Section staff and require action on behalf of the facility in order to come into or maintain compliance with the Statutes, Rules, and/or other regulatory requirements applicable to this facility. Be advised that pursuant to N.C.G.S. 130A-22, an administrative penalty of up to \$15,000 per day may be assessed for each violation of the Solid Waste Laws, Regulations, Conditions of a Permit, or Order under Article 9 of Chapter 130A of the N.C. General Statutes. Further, the facility and/or all responsible parties may be subject to enforcement actions including penalties, injunction from operation of a solid waste management facility or a solid waste collection service and any such further relief as may be necessary to achieve compliance with the North Carolina Solid Waste Management Act and Rules.

ADDITIONAL COMMENTS:

1. Wood chips and food waste from the cafeteria of Caledonia will be composted by the within –vessel composting method, in concrete and wood bins, under a roofed shed. Twice a month, fifteen 55 gallon drums of food waste from the cafeteria, are mixed with wood chips and then composted.
2. Testing must include ‘Manmade Inerts % dry wt. of inerts’ per .1407 (b). ‘A’ compost would be less than or equal to 6 and ‘B’ compost would be greater than or equal to 6.
3. Testing should be done in units according to Table 1 in .1407 (a).
4. Testing must include ‘ % Foreign Matter’ as required in .1408 (a) (1) Table 3.
5. Mr. Williams stated that the blowers are in working order.
6. **Insure that all thermometers are calibrated on a regular time frame.**
7. Records were reviewed and all seem to be in order. It is strongly recommended that the permit, Ops Plan and all required logs be kept in one area for easy access.
8. Fecal counts must be less than 1000 ppm. **The use of equipment for the compost needs to be looked at to insure that cross contamination does not occur.**
9. All required setbacks are met.

Please contact me if you have any questions or concerns regarding this inspection report.

Muhaly

Phone: 919-693-5742

Environmental Senior Specialist
Regional Representative

Sent on: <u>March 19, 2012</u>	X	Email		Hand delivery		US Mail		Certified No. <u> </u>
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Copies: Dennis Shackelford, Eastern District Supervisor
Shawn McKee, Compliance Officer



Bins under cover



After having met temps, material left to further cure.